

scannen

archivieren

erfassen

kopieren

mikroverfilmen

# ScannTECH 600i-fb

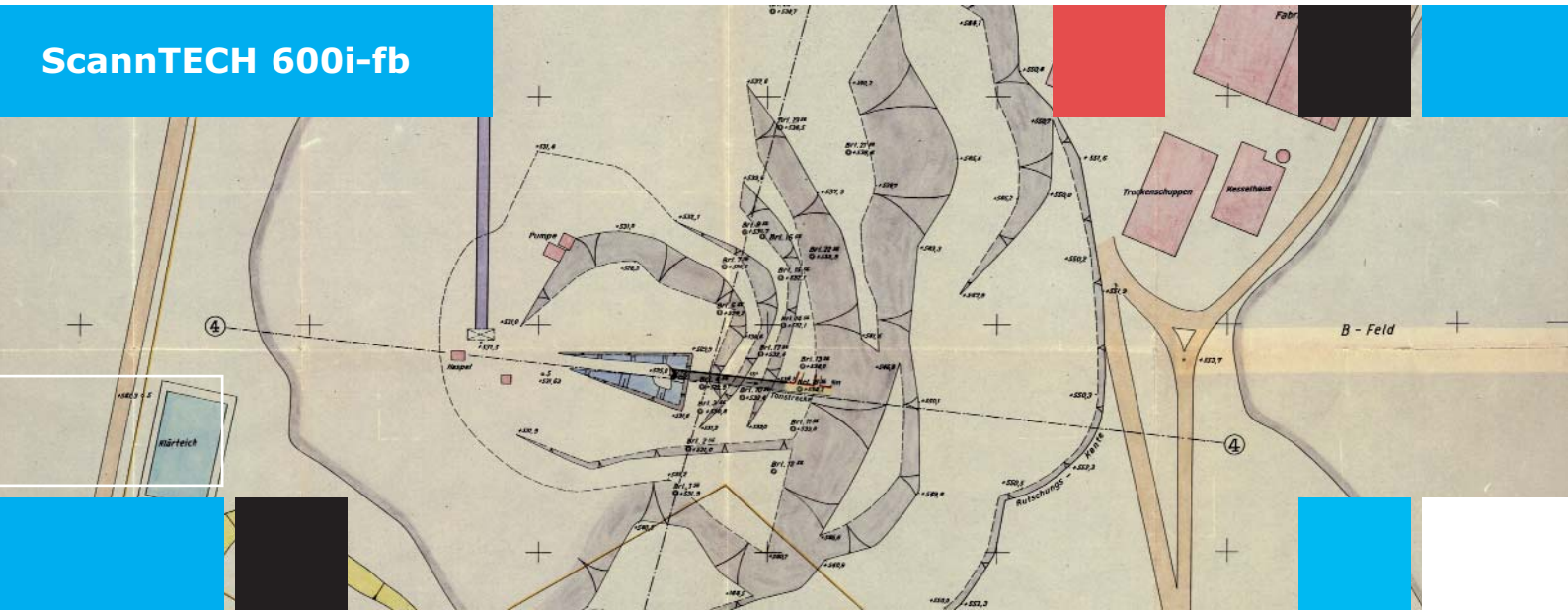
High resolution large format flat bed scanner



## Quality makes the difference

- Three to four A0-Scans per minute
- 600 x 600 dpi optical solution
- Extraordinary geometric Scan accuracy
- Networking Scanning
- High economics through low-maintenance constructions
- Modern LED illumination for over a million Scans

**ProServ**



# Fast, effective with high resolution

The large format flat bed scanner for digitizing in color, black/white or grayscale for demanding applications in the areas:

- Museum
- Archive and library
- Cartography and GIS
- Measurement technology
- Mechanical engineering and architecture
- Reprographic and copy services

ScannTECH 600i-fb is a fast, high performance and high resolution large format flat bed scanner for pricked sharp Scans into the edges of the document.

The innovative large format flat bed scanner ScannTECH 600i-fb sets new dimensions in speed and quality.

## ■ Innovative camera and illumination technology

Modern illumination technology with white LEDs guarantees Scan results with extremely low intoxication level with simultaneously achievement reception. The UV- UV- /IR- Scan results with free LED illumination are produced for a service life of 50,000 hours and guarantees a high picture quality.

Innovative also is the camera technology. That camera box is dust free with CCD systems, patented Stitching procedure and an optical solution of 600 x 600 dpi that guarantees outstanding Scan results.





## ■ Ergonomics: Daylight system & aperture free

ScannTECH 600i-fb scans totally without warmth and in entirely normal daylight.

## ■ Convincing scan quality

The scanner convinces with the

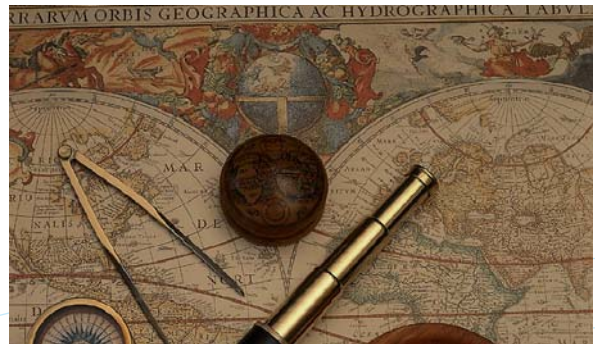
- multilateral possible uses
- and the simple serve draft
- the extraordinary Scan quality over the entire length and width of the model
- as well as the sharpness into the fringe areas of the model

## ■ Scan accuracy

The digitalizing of cards of the country measurement and real estate land register requires a high precision of the Scan system. With the Scan technology used by us - the scanner goes in uniform distance over the model -, scans have an extraordinary geometric accuracy, 0.1% is reached exactly. Therefore the large format flat bed scanner is suited for the Scanning of plans and tears out of land register.

## ■ Not for an everyday document

The documents are placed like on a office copier. There is no danger of damage on the valuable originals, historical, fragile and selective documents. They are carefully scanned exactly like thick documents (up to 15 cm).

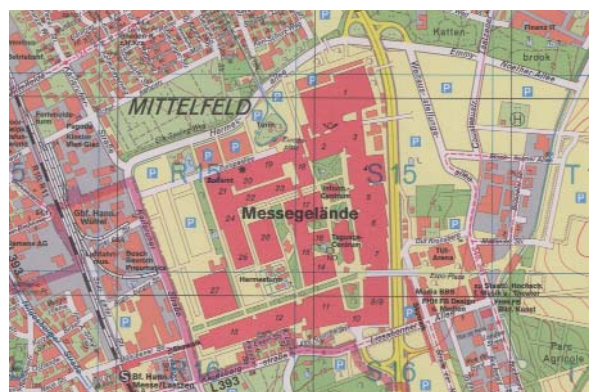


## ■ Digitalization of transparent documents

For digitalizing transparent models the flat bed scanner with a through light unit can be equipped. In combination with the double-sided LED illumination, also finest details in transparent models become clearly and rich in contrast represented. A contrived analyzes the optimal brightness distribution in the picture. Most documents become even in strong quality with the automatic correction.

## ■ Comfortable Software

Component of the large format flat bed scanner is the Scan- and preparations software PROView with the comfortable basic configuration that can be upgraded later.



Technical data*	ScannTECH 600i-fb
Optical resolution	600 dpi
Active Scanning size	width 914 mm, length 1220 mm, formats larger than DIN A0 can be scanned in unlimited sections
Document size	Autoformat, DIN, user formats created with ROI (regions of interest) up to 600 mm
Software	PROView
Exposure and optics	White LEDs, classified according IEC 60825-1: Class 1., no UV-/IR-illumination
Colour and image processing	Gamma, brightness and contrast. (for each separate color) Black and White point
Functions	Digital Color Balance, automatic or manual black-threshold, correction, automatic whitebalance, ICC-Profiles embedded
Depth of colour	36 Bit, 12 Bit Greyscale
Output modes	24 Bit RGB-Colour, 8 Bit Greyscale, bitone
Depth of focus	5 cm
foot switch	to start the scan
Thickness/weight of master	15 cm and 20 kg
Data output	JPEG, PNM, TIFF uncompressed, TIFF G4 (CCITT), PDF and all standard image formats
Interface	1 Gbit Fast Ethernet with TCP/IP
Camera	3 CCD cameras in a dust free box with 68.000 pixel
Dimensions (L x W x H)	172 cm x 112 cm x 106 cm
Weight	appr. 90 kg
Electric connection	100-240 V AC, 50/60 Hz
Temperature	+5 bis +40 C
Relative humidity	20 to 80% (non-condensing)
Minimum PC-requirements	Working memory 4.096 MB, Gbit-Ethernet connection Up-to-date Intel/AMD-CPU Windows XP, Windows Vista, Windows 7

\*Technische Änderungen vorbehalten.

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